|          |               |              |   |          |          |                               |          |            |            |          |                             |          |          | 10/055,144<br>Examiner |                |          |          |   |                 |           |             |           |     | YANG, PING<br>Art Unit |            |                     |                       |              |           |          |          |            |          |          |   |
|----------|---------------|--------------|---|----------|----------|-------------------------------|----------|------------|------------|----------|-----------------------------|----------|----------|------------------------|----------------|----------|----------|---|-----------------|-----------|-------------|-----------|-----|------------------------|------------|---------------------|-----------------------|--------------|-----------|----------|----------|------------|----------|----------|---|
|          |               |              |   |          |          |                               |          |            |            |          |                             |          |          |                        |                |          |          |   |                 |           |             |           |     |                        |            |                     |                       |              |           |          |          |            |          |          |   |
|          |               |              |   |          |          |                               |          |            |            |          |                             |          |          |                        | Robert M. Pond |          |          |   |                 |           |             |           |     |                        | 3625       |                     |                       |              |           |          |          |            |          |          |   |
|          |               | 1            | R | leje     | cte      | ed                            |          |            | _          |          | (Through numer<br>Cancelled |          |          |                        |                | al)      | ai)      |   | N               |           | Non-Elected |           |     |                        | A          | Appeal              |                       |              |           |          |          |            |          |          |   |
|          |               | =            | 1 | Allowed  |          |                               |          | ÷          |            |          | Restricted                  |          |          |                        |                |          |          | 1 | Interference    |           |             | ce        |     | 0                      | Objected   |                     |                       |              |           |          |          |            |          |          |   |
| Ci       | aim           | <u> </u>     | _ | Date     |          |                               |          |            |            |          | · Claim                     |          |          |                        |                |          | Date     |   |                 |           |             | Cl        | aim |                        |            |                     |                       | Date         |           |          | '        |            | 1        |          |   |
|          | $\overline{}$ | 0            |   | Τ        | Γ        |                               | Ť        | TTT        |            |          | 1                           |          |          |                        |                | TŢ       |          |   | ĬΠ              |           | П           | ┪         | ŀ   |                        |            | $\vdash$            | $\top \top \check{I}$ |              |           |          |          |            | Γ        | Γ        |   |
| Final    | Original      | 10/13/0      |   |          |          |                               |          | l          |            |          |                             | Final    | Original |                        |                |          |          |   |                 |           |             |           |     | Final                  | Original   |                     |                       |              |           |          |          |            |          |          | t |
| <u> </u> | <b>└</b>      | 13           |   | -        | L        | $oldsymbol{oldsymbol{\perp}}$ | _        | ┨_         | L          | -        | 1                           |          |          |                        |                |          |          |   |                 |           |             | _         |     |                        |            |                     | $\perp$               | $\downarrow$ | _         |          |          | L          | _        |          |   |
|          | 2             | 1            | _ | -        | ├        | ╁                             | ╁        | ╁          | ╁          | ╁        |                             |          | 51<br>52 | $\vdash$               | _              |          | -        | _ | Н               |           | $\dashv$    | $\dashv$  | ł   |                        | 101<br>102 | H                   | $\dashv$              | $\dashv$     | $\dashv$  |          | _        | -          | ┝        |          |   |
|          | 3             |              |   |          |          |                               |          |            | L          |          |                             |          | 53       |                        |                |          |          |   |                 |           |             |           |     |                        | 103        |                     | $\exists$             | コ            | 口         |          |          |            |          |          |   |
| -        | 5             | ₩            |   | -        | ┝        | $\vdash$                      | ╁        | ╁          | ╁          | ╁        | +                           |          | 54<br>55 | ┝                      | _              | $\vdash$ | _        | _ | $\vdash$        |           | $\dashv$    | $\dashv$  |     |                        | 104<br>105 | $\vdash$            | $\dashv$              | ┥            | $\dashv$  |          | _        | H          | ├        | H        |   |
|          | 6             |              |   |          |          |                               |          |            |            | I        | 1                           |          | 56       |                        |                |          |          |   |                 |           |             | $\exists$ | l   |                        | 106        |                     |                       |              |           |          |          |            |          |          |   |
| -        | 8             | 1,           |   | ┢        | -        | ╀                             | ╁        | ╁          | ╁          | ├        | ┨                           | <u> </u> | 57<br>58 | $\vdash$               |                |          |          |   | Н               |           | $\dashv$    | -         | ł   |                        | 107<br>108 | Н                   | $\dashv$              |              |           | 4        |          | lacksquare | _        | H        |   |
|          | 9             | W            |   |          |          |                               |          |            |            | 上        | 1                           |          | 59       |                        |                |          |          |   |                 |           |             |           | ŀ   |                        | 109        |                     | $\exists$             |              | 1         |          | _        | -          | $\vdash$ |          |   |
|          | 10            | 7            | _ | -        |          | _                             | <u> </u> | -          |            |          | ]                           |          | 60       | _                      |                |          |          |   | Н               |           |             | _         | [   |                        | 110        | $\Box$              | $\dashv$              | _            | $\Box$    |          |          |            |          |          |   |
| -        | 11<br>12      | 7            |   | H        | -        | t                             | +        | -          | ┢          | +        | ┨                           |          | 61<br>62 | $\vdash$               | -              | Н        | -        | _ | $\vdash$        | _         | $\dashv$    | -         | ŀ   |                        | 111<br>112 | $\vdash$            | $\dashv$              | $\dashv$     | ┪         | $\dashv$ | _        | H          | $\vdash$ | -        | • |
|          | 13            | 1            |   |          |          | L                             |          |            | Ë          |          | 1                           |          | 63       |                        |                |          |          |   |                 |           | $\Box$      |           | -   |                        | 113        |                     |                       |              | 耳         |          |          |            |          |          | 1 |
|          | 14<br>15      | ₩            | _ | -        | -        | ╁╌                            | -        | ┢          | ┢          | ╁        | ┨                           |          | 64<br>65 |                        |                | -        |          | _ | $\vdash$        | -         | -           |           | -   |                        | 114        | $\vdash$            | $\dashv$              | $\dashv$     | $\dashv$  | -        |          | $\vdash$   | _        | H        |   |
|          | 16            |              |   |          |          |                               |          |            |            |          | 1                           |          | 66       |                        |                |          |          |   |                 |           |             |           | I   |                        | 116        |                     |                       | 1            |           |          |          |            |          |          |   |
| -        | 17<br>18      | $\mathbb{H}$ |   | $\vdash$ | ┞        | ╁                             | <u> </u> | -          | <b>├</b> - | ┼.       | ┨                           |          | 67<br>68 | -                      | -              |          | -        |   | Н               |           |             | _         | -   |                        | 117<br>118 | $\sqcup$            |                       | $\dashv$     | -         |          | _        | _          |          | Н        |   |
|          | 19            |              |   |          |          |                               |          |            |            |          | 1                           |          | 69       |                        |                |          |          |   |                 |           |             |           | t   |                        | 119        |                     | ı                     | $\exists$    | $\exists$ |          | _        |            | -        | H        |   |
|          | 20            | $\coprod$    | _ | _        | L        | <u> </u>                      | -        | -          | _          | $\vdash$ | -                           |          | 70<br>71 | ļ                      |                |          |          |   | П               |           |             |           | [   |                        | 120        | П                   | $\Box$                | $\Box$       | $\Box$    |          |          |            |          |          |   |
|          | 22            | ╫╴           | - | $\vdash$ | -        | <del> </del>                  | H        | H          | -          | H        | 1                           |          | 72       | _                      |                | Н        | -        |   | H               | -         |             | $\dashv$  | -   |                        | 121<br>122 | $\vdash$            | $\dashv$              | $\dashv$     | $\dashv$  | -        | -        | Н          | H        | H        |   |
|          | 23            | $\prod$      |   |          |          | L                             |          |            | Г          | 1        | 1                           |          | 73       |                        |                |          |          |   |                 |           |             |           |     |                        | 123        |                     |                       | $\Box$       | $\exists$ |          |          |            |          |          |   |
|          | 24<br>25      | ₩            |   | -        | ├        | ╁                             | ╁        | <u> </u>   | ╁┈         | ╀        | ┨                           |          | 74<br>75 | H                      |                |          | -        | - | $\vdash$        | _         |             | -         | -   |                        | 124<br>125 | $\vdash$            | $\dashv$              | $\dashv$     | $\dashv$  | $\dashv$ |          |            |          |          |   |
|          | 26            | Ш,           |   |          |          |                               |          |            |            |          | 1                           |          | 76       |                        |                |          |          |   |                 |           |             | ゴ         | t   |                        | 126        |                     |                       |              |           |          |          | Τ          |          |          |   |
|          | 27<br>28      | 1            | _ | -        | L        | ╀                             | -        | -          | ┝          | ╀        | ┨                           |          | 77<br>78 |                        | Щ              | Ш        |          |   | $\sqcup$        |           | -           | $\dashv$  |     |                        | 127<br>128 |                     |                       | $\dashv$     | $\dashv$  |          |          |            |          |          |   |
|          | 29            |              |   | $\vdash$ |          |                               |          |            |            | 1.       | 1                           |          | 79       | _                      |                |          | $\dashv$ | _ | $\vdash$        | _         | $\dashv$    | $\dashv$  | ł   |                        | 129        | $\vdash$            | $\dashv$              | ᆉ            | $\dashv$  | $\dashv$ | $\dashv$ | Н          |          | Н        |   |
|          | 30            |              |   |          | L.       | L                             |          | lacksquare |            | L        | ]                           |          | 80       |                        |                |          |          |   |                 |           |             |           |     |                        | 130        |                     | $\Box$                | $\dashv$     | $\Box$    |          |          |            |          |          |   |
| -        | 31<br>32      | $\vdash$     | _ | ╁        | H        | ╁                             | $\vdash$ | +          | ╁          | ╁        | 1                           | _        | 81<br>82 | -                      | $\vdash$       | $\vdash$ | Н        |   | H               | -         | $\dashv$    |           | }   |                        | 131<br>132 | $\vdash$            | $\dashv$              | $\dashv$     | $\dashv$  | $\dashv$ |          | $\vdash$   | _        | Н        |   |
|          | 33            |              |   |          |          |                               |          |            |            |          | 1                           |          | 83       |                        |                |          |          |   |                 |           |             |           | ļ   |                        | 133        |                     | 1                     | コ            | $\exists$ |          |          |            |          |          |   |
| -        | 34<br>35      | $\vdash$     |   | ┢        | -        | ┝                             | ⊢        | ┝          | ├          | ╁        | -                           |          | 84<br>85 | $\vdash$               | $\vdash$       |          | Н        |   | $\vdash \vdash$ | -         | $\dashv$    | $\dashv$  | }   |                        | 134<br>135 | $\vdash \downarrow$ | $\dashv$              | +            | -         | -        | -        | _          |          | $\vdash$ |   |
|          | 36            | $\Box$       |   | 匚        |          |                               | L        | 上          | 匚          |          | 1                           |          | 86       |                        |                |          |          |   |                 |           |             | $\exists$ | ŀ   |                        | 136        |                     | 士                     |              |           |          |          | H          |          |          |   |
| -        | 37<br>38      | ⊢            |   | -        | _        | ╀                             | ┞        | ┡          | ┞          | ╀        | -                           |          | 87<br>88 |                        |                |          |          |   | Н               | _         | -           | 4         | -   |                        | 137        |                     | 4                     | $\dashv$     | $\dashv$  | $\Box$   |          |            |          |          |   |
|          | 39            | H            |   |          | -        | ┢                             | ╁        | ┢          | $\vdash$   | ١.       | 1                           |          | 89       | -                      | $\dashv$       | $\dashv$ |          |   | H               | -         | $\dashv$    | ᅱ         | ŀ   |                        | 138<br>139 | Н                   | $\dashv$              | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$ | Н          |          |          |   |
|          | 40            |              |   |          |          |                               |          | L          |            | Ŀ        | 1                           |          | 90       |                        |                |          |          |   |                 | $\Box$    | $\Box$      | 1         | ļ   |                        | 140        | П                   | 1                     | _            |           | $\Box$   |          |            |          |          |   |
| -        | 41<br>42      | $\vdash$     | _ | $\vdash$ | -        | ┼-                            | $\vdash$ | $\vdash$   | $\vdash$   | +-       | 1                           |          | 91<br>92 | $\vdash$               | $\dashv$       | $\dashv$ | $\dashv$ |   | Н               | _         | $\dashv$    | $\dashv$  | -   |                        | 141<br>142 | $\vdash \vdash$     | $\dashv$              | $\dashv$     | $\dashv$  | -        | $\dashv$ | Н          | Н        | Н        |   |
|          | 43            | П            |   |          |          |                               |          |            |            |          | 1                           |          | 93       |                        |                |          |          |   |                 |           | $\sqsupset$ |           | ţ   |                        | 143        |                     | 士                     | コ            | 廿         |          |          |            |          |          |   |
| -        | 44<br>45      | Н            | _ | $\vdash$ | -        | -                             | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | 1                           |          | 94       | Н                      | 4              | -        | $\dashv$ |   | $\vdash \dashv$ | $\dashv$  | $\dashv$    | $\dashv$  | -   |                        | 144<br>145 | $\dashv$            |                       | $\dashv$     | 4         | $\dashv$ | -        | $\Box$     | -        | $\sqcup$ |   |
|          | 46            | Ħ            |   |          |          |                               |          |            |            |          |                             |          | 96       |                        |                |          |          |   |                 | $\exists$ | $\exists$   | $\exists$ | ł   |                        | 146        | H                   | _†                    | _            | _         |          |          | $\exists$  |          | Н        |   |
| _        | 47<br>48      | $\sqcup$     |   | F        | <u> </u> | F                             | <u> </u> | <u> </u>   | ļ_         | $\vdash$ | ł                           |          | 97<br>98 | П                      | $\dashv$       |          | $\Box$   |   | П               | $\Box$    | 7           | $\exists$ | -   |                        | 147        | П                   | 1                     | 7            | 7         | $\dashv$ | $\neg$   |            |          | П        |   |
|          | 49            | Н            |   | $\vdash$ | -        | $\vdash$                      | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | 1                           |          | 98       | Н                      |                | -        | $\dashv$ |   | $\vdash \vdash$ | $\dashv$  | $\dashv$    | $\dashv$  | ŀ   |                        | 148<br>149 | Н                   | $\dashv$              | +            | $\dashv$  | $\dashv$ |          |            |          | Н        |   |
|          | 50            |              | _ |          |          |                               |          |            |            |          | ]                           |          | 100      |                        |                |          |          |   |                 |           |             |           | Į   |                        | 150        |                     | 1                     | 士            | $\Box$    |          |          |            |          |          |   |
|          |               |              |   |          |          |                               |          |            |            |          |                             |          |          |                        |                |          |          |   |                 |           |             |           |     |                        |            |                     |                       |              |           |          |          |            |          |          |   |

Application No.

Index of Claims

Applicant(s)